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June 24, 1981

Mr. Larry Perkins  
Project Manager  
Mineral Energy Inc.  
1325 South 800 East  
Orem, Utah 84056

RE: Initial Review  
Dolor Mine Application  
ACT/019/015  
Grand County, Utah

Dear Mr. Perkins:

The Division technical staff has reviewed Mineral Energy Inc.'s Notice of Intention to Commence Mining Operations and Mining and Reclamation Plan. The following deficiencies and questions need to be addressed before the approval process can proceed.

Upon submission of the requested information, the Division will estimate a reclamation surety amount that is mutually acceptable. Then the plan and surety will be presented to the Board of Oil, Gas, and Mining for their concurrence and approval, prior to publishing an abbreviated version of the plan to solicit public comment for a 30 day period as required by law.

The next scheduled Board meeting is July 22, 1981, therefore an early response would be appreciated.

If you have any questions please contact Gilbert Hunt of my staff.

Sincerely,

*for*

JAMES W. SMITH, JR.  
COORDINATOR OF MINED LAND DEVELOPMENT

JWS/GLH:te

Enc: ACR



INITIAL REVIEW

MINERAL ENERGY, INC.

Dolor Mine

ACT/019/015

M-3/MR 1-13

The campsite should be included in the disturbed area to be reclaimed. Is it included in the 16.5 acres given on the MR-1 Form?

M-6

What is meant by the scale 1/50" = 20.3 ft. on the map provided.

M-3

Will any of the solids be stockpiled after removal from the ponds and before replacement?

M-3(3)

The applicant must indicate the depth of excavation proposed.

M-3(2)(c)

The applicant should submit plans in detail for the ponds and PVC liner. The applicant should provide a plan to monitor for leakage of the pond so that if a leak is detected it can be repaired. What thickness is the liner and is it resistant to the chemicals intended to be used?

After the material is milled it should be tested for toxicity and vegetation supporting ability prior to backfilling. If the material proves to be toxic the applicant must propose a plan for treatment and/or burial of this backfilled material to:

1. Assure immobilization of chlorinated compounds, and
2. Assure revegetation success.

If toxicity does prove to be a problem then burial utilizing varying topsoil depth must be incorporated in test plot procedures to assure revegetation. Topsoil may need to be hauled in.

The applicant must provide cross-section(s) showing final configuration of the reclaimed area, including the ponds.



M-10(2)

Will the applicant fence the site to keep cattle from drinking the leach solutions?

Where will trash be disposed of?

Signs should be posted at points where public access is readily available.

How will wildlife and waterfowl be protected from the solution in the ponds?

M-10

All structures and equipment must be removed prior to regrading and reclamation.

Will the road be reclaimed? If so, how? A typical cross-section of the reclaimed road should be submitted.

M-3(2)(e)

Since Bureau of Land Management is the surface managing agency have them provide a letter concurring with Mineral Energy, Inc.'s revegetation plan. Otherwise, 4 lbs. per acre of seeding is inadequate and would require test plots to prove adequacy.

M-3(2)(f)

The applicant must provide a timetable for the accomplishment of each major step in the reclamation plan.

M-3

Map or Plat Should Show:

- a. The boundaries of surface properties; and the names of surface and mineral owners.
- b. Surface drainage plan (M-3(1)(e)) indicating directions of flow, diversions, culverts, etc.

- c. All facilities i.e. mill, ponds, generators, trailers, etc. (M-3(1)(d)).
- d. The sequence of mining (MR 2-11(a)).
- e. Any ponds or impoundments.
- f. Any stockpile areas for waste or tailings.
- g. Water discharge points.
- h. Abandoned facilities, if any exist.